APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

Modern Methods for Melting Down and Refining Light Metals, by K. Schnieder.

RUSSIAN, per, Metallurg, Vol III, No 1/2, 1949, pp 1-10.

Dept of Int
US Bur of Mines
Eastern Exp Sta
College Park, Md.

Sci - Engr

Apr 59

84,634

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

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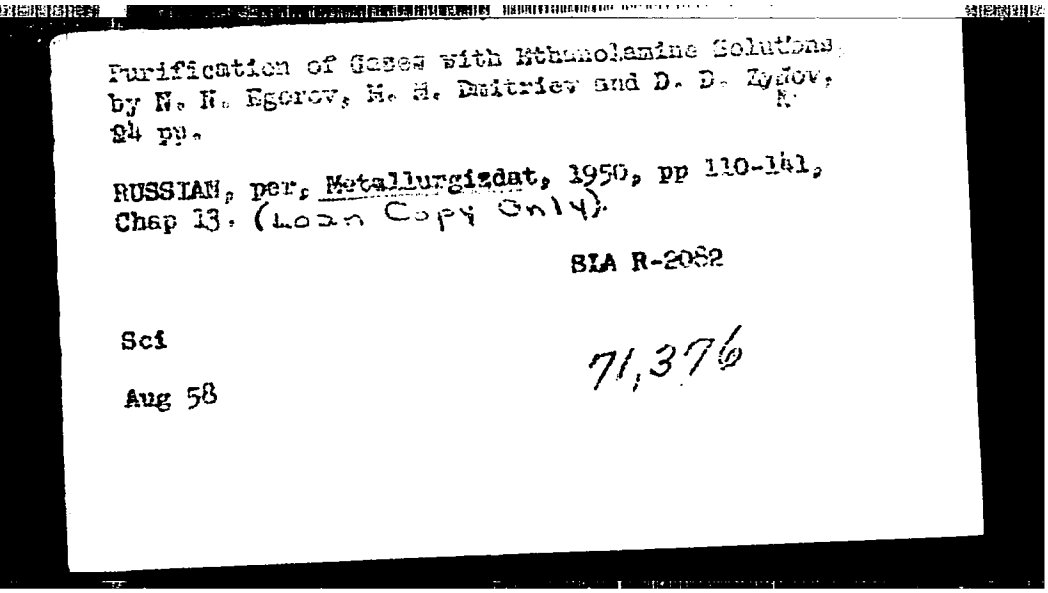

Purification of Gases with Ethanolamine Solutions by N. N. Egorov, M. M. Dmitriev and D. D. Zyuzov, 94 pp.

RUSSIAN, per, Metallurgizdat, 1950, pp 110-141, Chap 13. (Loan Copy Only).

BIA R-2082

Sci

Aug 58

71,376

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

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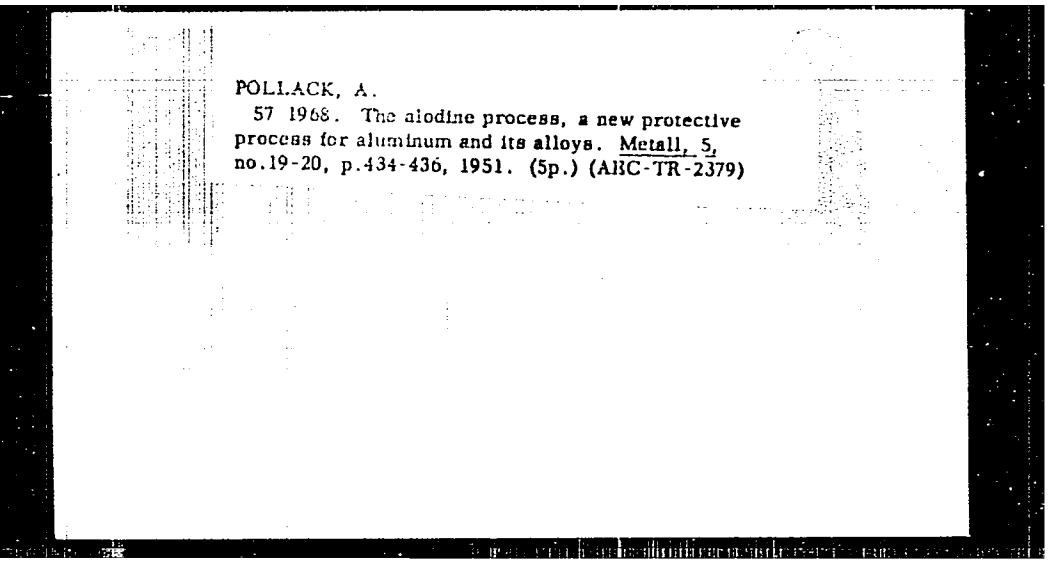

POLLACK, A.

57 1968. The alodine process, a new protective process for aluminum and its alloys. Metall, 5, no.19-20, p.434-436, 1951. (5p.) (ABC-TR-2379)

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

Soviet Alloy Compositions. UNCL

RUSSIAN, bk, Metallurgiya, 1956.

*CB

May 60
(from LLU Tr Bul Apr 60)

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

Use of Oxygen for Increasing the Open Hearth Production, by A. V. Leskov

RUSSIAN, mo per, Metallurg, Vol I, Xxx No 1, 1956, pp 7-9.

Brutcher
Tr 3756
$2.80

38,543

Sci - Min/Metals
Sep 56 CFS

ASLIB GB 70

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

Melting of Stainless Steel With Oxygen Lancing [in Electric Arc Furnace], by N. I. Shutkin.

RUSSIAN, mo per, Metallurg, Vol I, No 1, 1956, pp 10, 11.

Henry Brutcher Tr No 3759
$2.90

47,039

Sci - Min/Metals
Spr 1957 CTS/dex

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

Production of High-Grade Rimming Steel for (Deep Drawing) Car Sheet, by F. T. Antonyuk Antonyuk et al.

[illegible], mo per, Metallurg, No 1, 1956, pp 24-27.

Co-Op Tr Sch Tr 271
£1.12s.

USSR
Economic

42, 312

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

Ramming of Runners From Blast Furnace With a Carbonaceous Composition, by M. K. Vasil'yev.

RUSSIAN, no per, Metallurg, Vol I, No 1, 1956, p 20.

Henry Brutcher
Tr 3501
$1.50

Sci - Min/Metals, metallurgy
Aug 57

50,726

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

Development of the Process of Continuous Casting of Steel, by M. S. Boychenko, B. S. Rutes, V. V. Ful'macht, 12 pp.

RUSSIAN, mo per, Metallurg, No 2, 1956, pp 7-11.

Sci Mus Lib No 56/2870

Sci-Min/metals

49,438

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

Determination of the Weight of Liquid Steel in the Ladle During Pouring, by A. P. Rogach, et al.

RUSSIAN, no per, Metallurg, No 2, 1956, p 38.

Co-Op Tr Sch Tr 281
8s.Od.

Sci - Physics

42, 280

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

Oreshkin, G G.
EXPERIMENTAL RUNNING OF BLAST-FURNACES WITH AN UNCONVENTIONAL SYSTEM OF COOLING THE SHAFT AND BOSH. Apr 57 [10]p. BISI-521; [DSIR LLU] M.2780.
Order from OTS or SLA $1.10 61-23301

Trans. of *Metallurg (USSR) 1956 [v. 1]no. 3, p. 1-7.

DESCRIPTORS: *Blast furnaces, *Cooling, Operation, Tests.

Ten years of experience with one furnace with slab (vertical) cooling plates and 2 years experience with another have shown that cast-iron slab cooling plates with recesses filled with bricks, the plates being placed along rational furnace contours, make it possible to get a better configuration of the furnace interior through a fundamental change of the furnace lines, involving a considerable increase of the height and diameter of the [illegible] and a considerable reduction of the height of the
(Metallurgy, TT, v. 6, no. 7) (over)

61-23301

I. Oreshkin, G G.
II. BISI-521
III. DSIR LLU M.2780
IV. British Iron and Steel Industry Translation Service

Office of Technical Services

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

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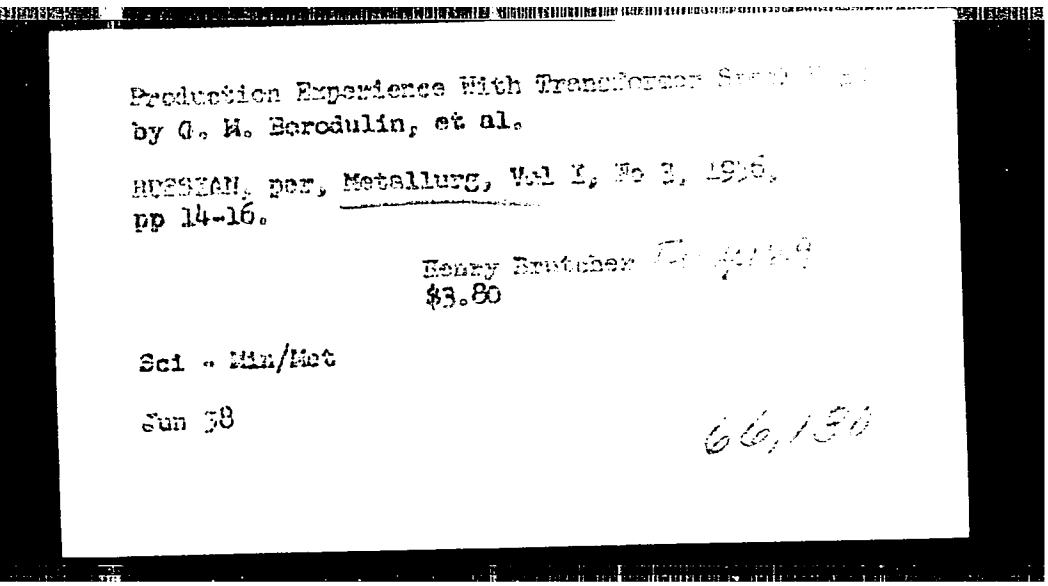

Production Experience With Transformer Steel [illegible]
by G. M. Berodulin, et al.

RUSSIAN, per, Metallurg, Vol 1, No 3, 1956,
pp 14-16.

Henry Brutcher [illegible]
$3.80

Sci - Min/Met

Jun 58

66/30

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

Injection of Pulversized Fuel Through Tuyeres Into the Hearth of a Blast Furnace, by V. I. Loginov, et al. UNCL

RUSSIAN, per, Metallurg, No 4, 1956, pp 10-12.

DSIR LLU (loan) M.409

Sci - Engr
Aug 59

94, 855

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

Critical Problems in the Control of Blast Furnace Operation, by L. Ya. Suparber. RUSSIAN, per, Metallurg, No 5, 1956, pp 3-7. BISI 4633

319.21

Sci - Mechanical, Industrial Civil, and Marine Engineering
Feb 67

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

Application of Compressed Air for Open-Hearth Flame Intensification, by M. G. Kozhanov, G. B. Rogov.
RUSSIAN, per, Metallurg, Jul 1956, pp 18-19.
(TDS 1341)
INFO SX-11

314,374

Sci - Mechanical, Industrial, Civil, and Marine Engineering
Nov 66

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

The Vacuum Technique in Metallurgy, by B. V. Linchevskiy. UNCL

RUSSIAN, per, Metallur, No 7, 1956, pp 3-6.

Co-Op Tr Scheme 356

Sci - Min/Metg Met
Jun 59

88,434

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

Use of Compressed Air for a Sharper Flame in the Open-hearth Furnace, by M. G. Kozhanov, G. B. Rogov.

RUSSIAN, per, Metallurg. Vol I, No 7, 1956, pp 18-21.

Brutcher Tr 3916
$2.25

Sci - Min/Met

Apr 58

61,439

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

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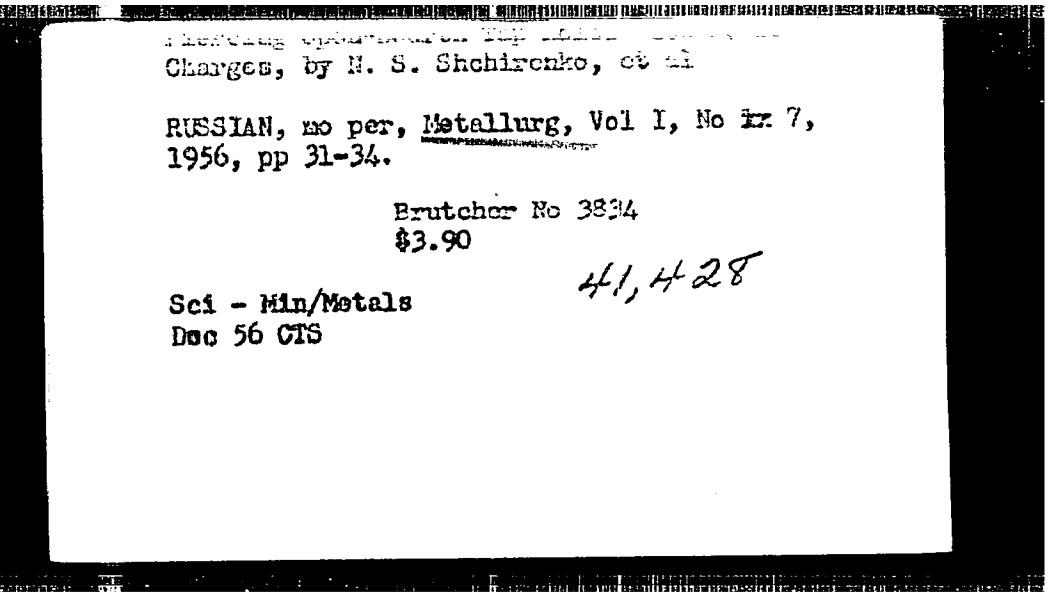

Charges, by N. S. Shchirenko, et al

RUSSIAN, no per, Metallurg, Vol I, No 7, 1956, pp 31-34.

Brutcher No 3834
$3.90

41,428

Sci - Min/Metals
Doc 56 CTS

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

Experience in the Vacuum-Treatment of Metal, by V. G. Speranskiy.

RUSSIAN, per, Metallurg, No 8, 1956, pp 12-15.

Co-Op Trans Sch Tr 336
£1.12s.

#9,480

Sci - Min/met
Jul 57

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

Pouring of Steel Ingots With Electric Arc Heating of Their Heads, by B. N. Popov.

RUSSIAN, per, Metallurg, Vol I, No 9, 1956, pp 19-22.

Brutcher Tr 4029
$3.90

Sci - Min/Met

57,364

Jan 58

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

Production of Self-Fluxing Sinter From Fine Concentrates, by L. R. Migutskiy.

RUSSIAN, mo per, Metallurg, Vol I, No 10, 1956, pp 5-7.

Henry Brutcher Tr 3851

$3.40

44,151

Sci - Minerals/Metals
Feb 1957 CTS

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

Increasing the Life of Ladles, by N. A. Rohklin.

RUSSIAN, per, Metallurg, No 10, 1956, pp 19-20.

Co-op Tr Sch Tr 377

Sci - Engr
Nov 57

55,080

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

Experience in the Operation of 500-Ton Open Hearth Furnace, by B. S. Linetskiy et al.

RUSSIAN, per, Metallurg, No 11, 1956, pp 12-15.

Co-op Tr Sch Tr 376

Sci - Engr
Nov 57

55-081

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

A New Method of Deoxidizing Steel 12 G 2A, by
A. I. Marinov.

RUSSIAN, per, Metallurg, ~~Metallurgizdat~~ No 11, 1956,
p 22.

Co-op Tr Sch Tr 375

Sci - Min/met
Nov 57

55,079

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

Ingot Molds of Magnesium-Treated Spheroidal-Graphite Cast Iron, by G. A. Pisarenko.

RUSSIAN, per, Metallurg, No 12, Dec 1956, pp 16-19.

Brutcher Tr 4203
$4.25

Sci - Min/Met

Aug 58

68,193

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

Ways of Minimizing Edge Cracks (in Rolling of Electrical Sheet), by N. F. Dubrov.

RUSSIAN, mo per, Metallurg, Vol I, No 12, Moscow, 1956, pp 23, 24.

23

Henry Brutcher Tr 4019
$1.90

Sci - Min/Metal, Dynamo steel

57,022

Jan 58

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

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1957

METALLURG
(Metallurgist - monthly)
Translation begins with 1957
Lag time: ca. 6 months
Order from: Plenum Publishing Corporation
227 West 17th Street
New York, N.Y. 10011
1971: $ 125.00/year
$ 30.00 single issues
$ 15.00 single article reprints
add $ 5.00 on oversea subscription
single articles for 1959-64
not available

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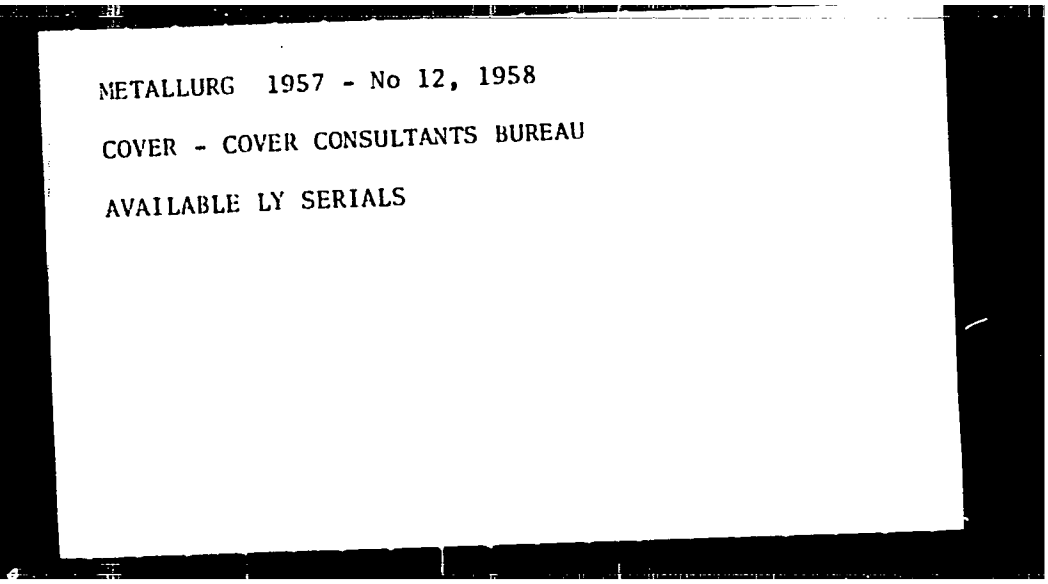

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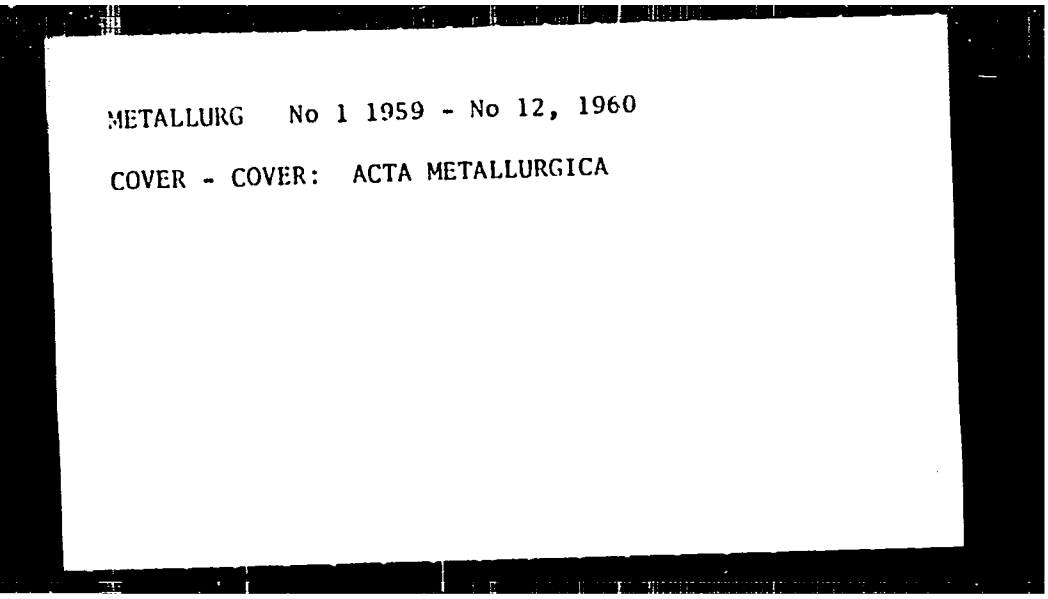

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METALLURG NO 1, 1961

COVER - COVER: ACTA METALLURGICA

NOS. 2 through 12, 1961: NOT AVAILABLE LY SERIALS.

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Volatilization of Nickel During a
Blast-furnace Heat of Moist Limonites,
by D. K. Benevolenskii.
RUSSIAN, Metallurgizdat, 1961,
pp 24-33.
BISI 3451

Sci/M&M
Aug 65

284,712

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

The Screening of Hot Sinter, by L. M. Rudakov, J. J. Gorshtein.

RUSSIAN, per, Metallurg, Vol VI, Feb 1961, pp 3, 4.

BISI 2154

Sci - Engr

Jun 61

154,554

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

Errors in the Control of the Gas Flow (in a Blast Furnace), by N. N. Chernov.

RUSSIAN, per, Metallurg, Vol VII, No 2, 1961, pp 4-6.

MT 182

Sci - Fuels

203, 438

Jul 62

List No 57

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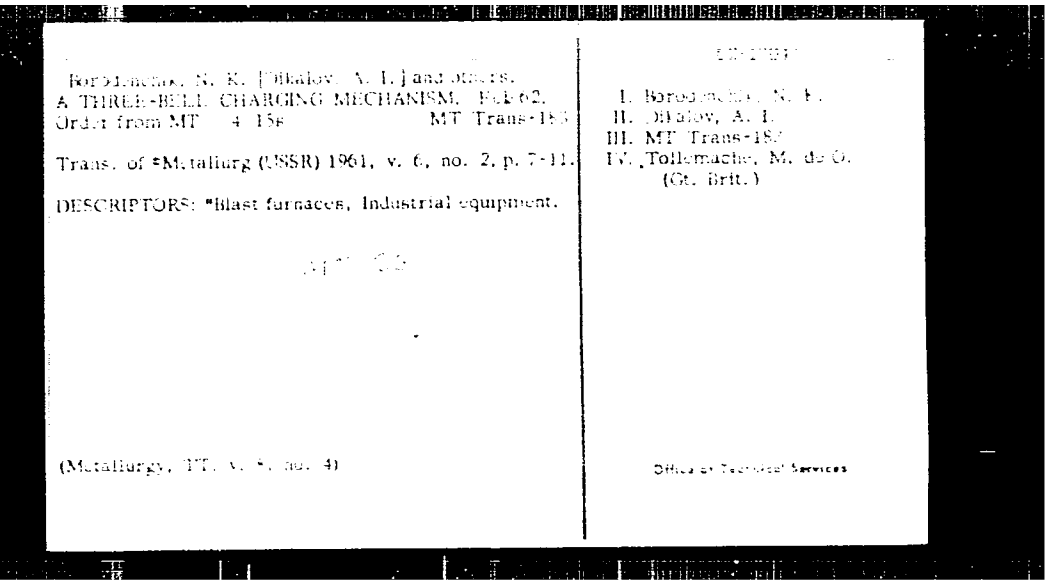

Borodachev, N. K. [Dikalov, A. I.] and others.
A THREE-BELL CHARGING MECHANISM. Feb 62.
Order from MT 4 15p MT Trans-153

Trans. of *Metallurg (USSR) 1961, v. 6, no. 2, p. 7-11.

DESCRIPTORS: *Blast furnaces, Industrial equipment.

(Metallurgy, TT. v. 5, no. 4)

I. Borodachev, N. K.
II. Dikalov, A. I.
III. MT Trans-153
IV. Tollemache, M. de G.
(Gt. Brit.)

Office of Technical Services

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

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Flame Improvement in the Combustion Zone, by G. I. Moiseevich, E. M. Konsratev.

[redacted], per, Metallurg, Vol VI, No 2, 1961, pp 20-22.

MT 184

Sci - Engr
Feb 63

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

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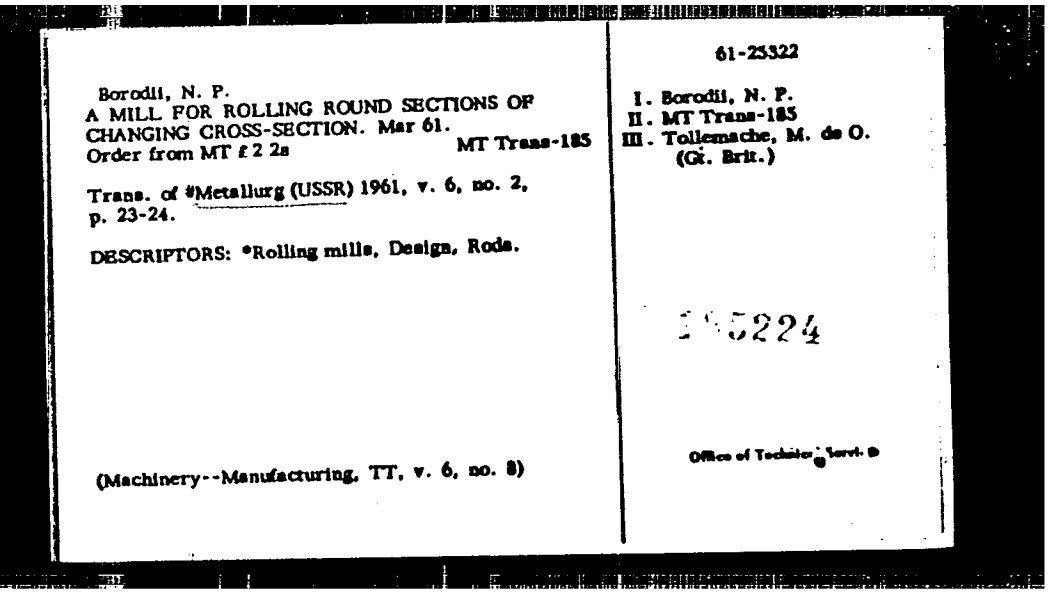

Borodii, N. P.
A MILL FOR ROLLING ROUND SECTIONS OF CHANGING CROSS-SECTION. Mar 61.
Order from MT £ 2 2s MT Trans-185

Trans. of #Metallurg (USSR) 1961, v. 6, no. 2, p. 23-24.

DESCRIPTORS: *Rolling mills, Design, Rods.

(Machinery--Manufacturing, TT, v. 6, no. 8)

61-25322

I. Borodii, N. P.
II. MT Trans-185
III. Tollemache, M. de O. (Gt. Brit.)

[illegible]5224

Office of Technical Servi[illegible]

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

Magnetic Roasting of Iron Ores, (In Countries who are Members of the S.E.V. (the East European Council for Mutual Economic Aid)), by G. V. Gubin.

RUSSIAN, per, Metallurg, Vol VI, Mar 1961.

BISI 2338

Sci - Min/Metals

168, 479

Sep 61

list 108

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

Jalousie-Type Dust Catchers for Gas Cleaning,
by V. D. Kanfer, M. S Shklyar.

RUSSIAN, per, Metallurg, Vol VI, Mar 1961.

BISI 2337

Sci - Engr

Sep 61

list 108

168 478

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

Movement of Gases and Materials in the Blast Furnace, by V. I. Loginov.

RUSSIAN, per, Metallurg, Vol VI, No 3, 1961, pp 6-9.

MT 193

Sci - Engr

168,560

Sep 61

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

Effect of Handling Operations on the Change in the Particle Size Distribution of Sinter, by L. M. Rudakov, I. I. Gorshtein.

RUSSIAN, per, Metallurg, Vol VI, No 4, 1961, pp 4-6.

MF 194
B/51 345?
168,583

Sci - Engr

Sep 61

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

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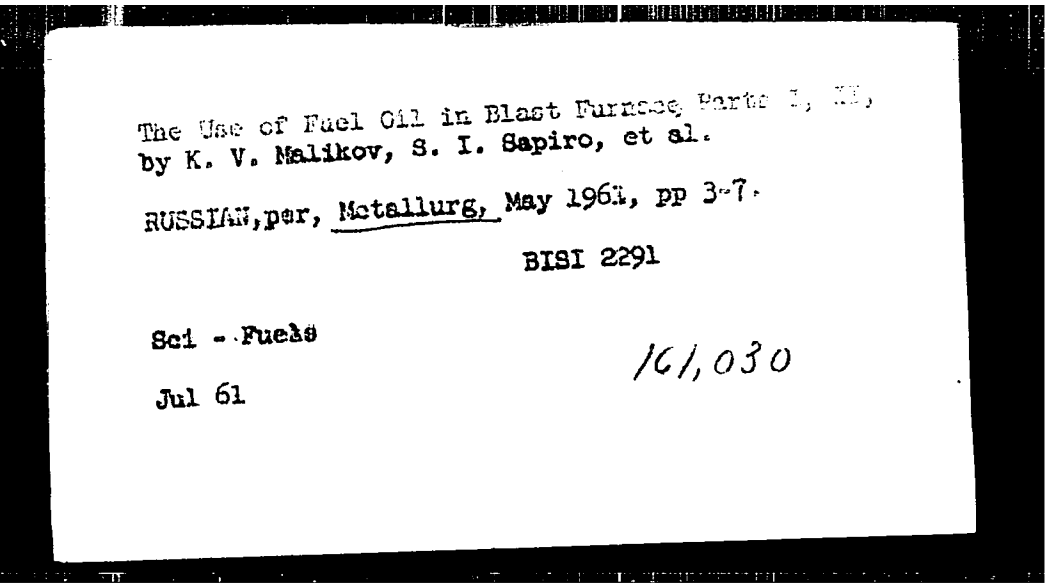

The Use of Fuel Oil in Blast Furnace, Parts I, II,
by K. V. Malikov, S. I. Sapiro, et al.

RUSSIAN,per, Metallurg, May 1961, pp 3-7.

BISI 2291

Sci - Fuels

Jul 61

101,030

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

Automatic Control of the Rate of Inclination of the Ladle During the Pouring of Pig Iron, by V. I. Beloshabskiy, A. L. Shteinar.

RUSSIAN, per, Metallurg, Vol VI, No 5, 1961, pp 10-12.

MT 202

Sci - Engr

168, 608

Sep 61

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

Surface Defects on Rolled Steel, by P. Ya. Ryzhkov, R. M. Shereshevskaya.

RUSSIAN, per, Metallurg, No 5, 1961, pp 25, 26.

HB 5192

Sci - Chem, Min/Metals

Aug 61

164,307

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

Blowing in of Blast Furnaces of 1717 m^3 Capacity,
by E. V. Kochiaev, et al.

RUSSIAN, per, Metallurg, Vol VI, No 6, 1961,
pp 3-7.

MT 219

Sci - Engr

Sep 62

210,968

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

Errors in the Control of the Gas Flow and the Distribution of Materials in the Throat, by Yu. A. Orlov.

RUSSIAN, per, Metallurg, Vol VI, No 6, 1961, pp 7-9.

MT 220

Sci - Fuels

203,440

Jul 62

List No 57

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

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Wear on the Refractory Lining of a Blast Furnace of 1719 m^3 Capacity, by I. M. Galemin, N. K. Fridman.

[redacted], per, Metallurg, Vol VI. No 6, 1961, pp 9-12.

MT 221

Sci - Engr
Feb 63

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

Trial Operation of a 400-Ton Open-Hearth Furnace on High-Pressure Natural Gas.
by G. A. Fodol'skaya.

RUSSIAN, per, Metallurg, No 6, 1961, pp 13-16.

HB 5213

Sci - Engr
Dec 61

175,001

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

Rapid Burning In of a Hearth, by V. L. Maksimov.

GERMAN, per, Metallurg, Vol VI. No 6, 1961,
pp 17-18.

MT 222

Sci - Engr
Feb 63

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

Operation of a Blast Furnace With the Addition of Natural Gas to the Blast, by B. N. Starshinov.

[redacted], per, Metallurg, Vol VI, No 7, 1961, pp 4-8.

MT 223

Sci
Feb 63

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

Firing and O.H. Furnace With a Mixture of Coke-Oven and Natural Gas, by M. M. Khil'ko, M. S. Shklyar.

[redacted], per, Metallurg, Vol VI, No 7, 1961, pp 11-13

MT 229

Sci
Feb 63

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

Livenets, I. A.
HYDRAULIC CONTROL OF THE STOPPER MECHANISM OF A STEELMAKING LADLE. Dec 62.
Order from MT $11.30 MT Trans-223

Trans. of #Metallurg (USSR) 1961, v. 6, no. 7, p. 13-17.

DESCRIPTORS: *Hydraulic power systems, Control, *Steel industry, *Industrial equipment, Smelting.

(Metallurgy, TT, v. 9, no. 6)

63-12559

1. Title: Ladle stoppers
I. Livenets, I. A.
II. MT Trans-223
III. Tollemache, M. de O. (Gt. Brit.)

Office of Technical Services

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

Stamping of Metal in the Flow Line of the Mill: Automatic Stamping of Hot Metal in Blooming and Slabbing Mill, by G. S. Yakimenko, B. M. Barbashin

[redacted]
[redacted]N, per, Metallurg, Vol VI, No 7, 1961,

MT 224

Sci
Feb 63

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

A Stamping Mechanism Without Guides in a Rail Rolling Mill, by L. N. Gorodetskiy,

[redacted]N, per, Metallurg, Vol VI, No 7, 1961.

MT 225

Sci
Feb 63

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

Control of the Running of a Blast Furnace by the Differences in Gas Pressure at Various Levels, by M. M. Gladkiy.

RUSSIAN, per, Metallurg, Vol VI, No 8, 1961, pp 4-6.

MT 226

Sci - Engr

210,969

Sep 62

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

(NY-7001)

Ferrous Metallurgy in the Hungarian Peoples Republic, by Ishtvan Garamvelgi, 9 pp.

RUSSIAN, per. Metallurg, No 8, 1961, pp 38, 39.

JPRS 13167

[redacted] EE-HUNGARY 189,999
Econ
Apr 62

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

Chechuro, A. N., Kolesnik, I. L., and Yashin, Yu. F.
ELIMINATION OF FLUCTUATING COMBUSTION IN HOT BLAST STOVES. May 62.
Order from MT $6.50 MT Trans-231

Trans. of #Metallurg (USSR) 1961, v. 6, no. 9, p. 3-4.

DESCRIPTORS: *Blast furnaces, *Heaters, *Combustion.

(Metallurgy, TT, v. 8, no. 4)

67-17933

I. Chechuro, A. N.
II. Kolesnik, I. L.
III. Yashin, Yu. F.
IV. MT Trans-231
V. Tollemache, M. de G.
(Gt. Brit.)

Office of Technical Services

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

Vinogradov, Ya. A.
IMPROVING THE OPERATION OF THE HOT-BLAST STOVES OF A BIG CAPACITY BLAST FURNACE.
May 62.
Order from MT $4.50 MT Trans 252

Trans. of Metallurgy (USSR) 1961, v. 6, no. 9, p. 5.

DESCRIPTORS: *Blast Furnaces, *Heaters, Operation.

(Metallurgy, TT, v. 8, no. 4)

1. Vinogradov, Ya. A.
II. MT Translations
III. Tolkien-Tan, M. de G.
(G. Bard.)

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

Automation of the Casting of Steel Into Ingots, by V. D. Smolyarenko.

RUSSIAN, per, Metallurg, Vol VI, No 9, 1961, pp 20-22.

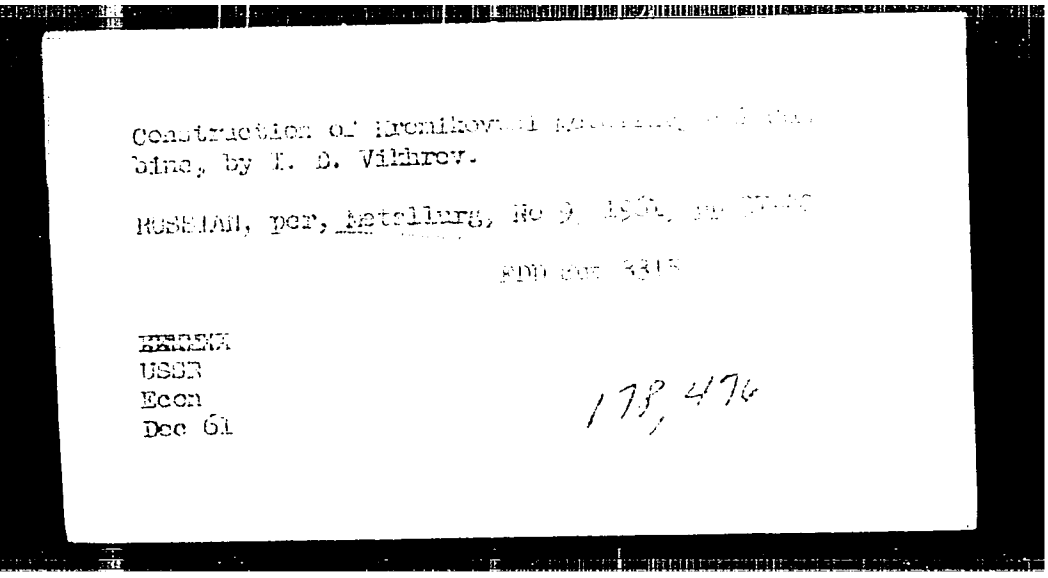
*MT 233

Sci

18 Sep 62

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4



Construction of Bromikovsk[illegible]
Mine, by I. D. Vilkhov.

RUSSIAN, per, Metallurg, No 9, 1[illegible]

[illegible]

[illegible]
USSR
Econ
Dec 61

178,476

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

Errors in the Control of the Gas Flow and the Distribution of Materials in the Throat, by V. F. Pashinskiy.

RUSSIAN, per, Metallurg, Vol VI, No 10, 1961, pp 10-12.

MT 234

Sci

210,972

Sep 62

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

Errors in the Control of the Gas and Flow and the Distribution of Materials in the Throat, by I. G. Polovchenko.

RUSSIAN, per, Metallurg, Vol VI, No 11, 1961, pp 3-8.

MT 236

Sci

14 Sep 62

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

The Change in the Parameters of Charging the Burden on Increasing the Gas Pressure in the Shaft, by V. P. Tarasov.

RUSSIAN, per, Metallurg, Vol VI, No 12, 1961, pp 2-4.

MT 237

Sci

14 Sep 62

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

Control of the Tapping of Liquid Pig Iron by Means of a Travelling Magnetic Field, by L. A. Verte.

RUSSIAN, per, Metallurg, Vol VI, No 12, 1961, pp 6-8.

MT 238

Sci

14 Sep 62

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

The Effect of Mould Design on Crack Formation in Continuously Cast Billets, by V. P. Druzhinin, D. P. Kvtyev, B. N. Ketomin.

RUSSIAN, per, Metallurg, Dec 1961, pp 12-15.

BISI 2654

Sci - Min/Metals

Jul 62

List 130

204, 811

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

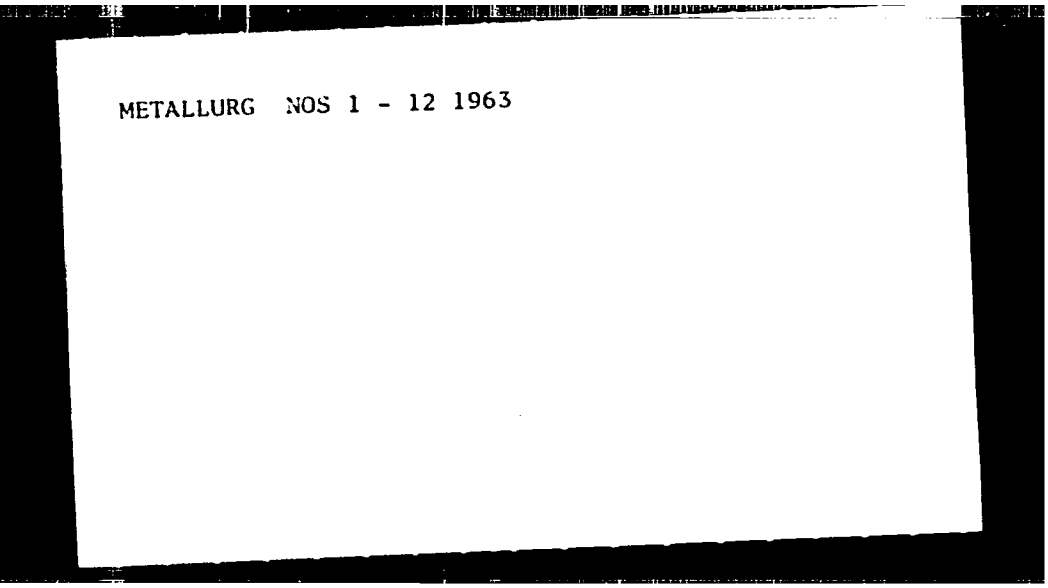
METALLURG NO. 1, 1962

COVER - COVER: ACTA METALLURGICA. NOT AVAIL. LY SER.

NOS. 2 THROUGH 12 1962, AVAILABLE LY SERIALS.

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4



APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

METALLURG NOS. 1 THROUGH 8, 1964

COVER - COVER: CONSULTANTS BUREAU

AVAIL. LY SERIALS

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

Fundamental Improvement Needed in the Preparation of Scrap Metal for Smelting, by L. M. Khinchin, 7 pp.

RUSSIAN, per, Metallurg, 1964, No 9, pp 1-3.

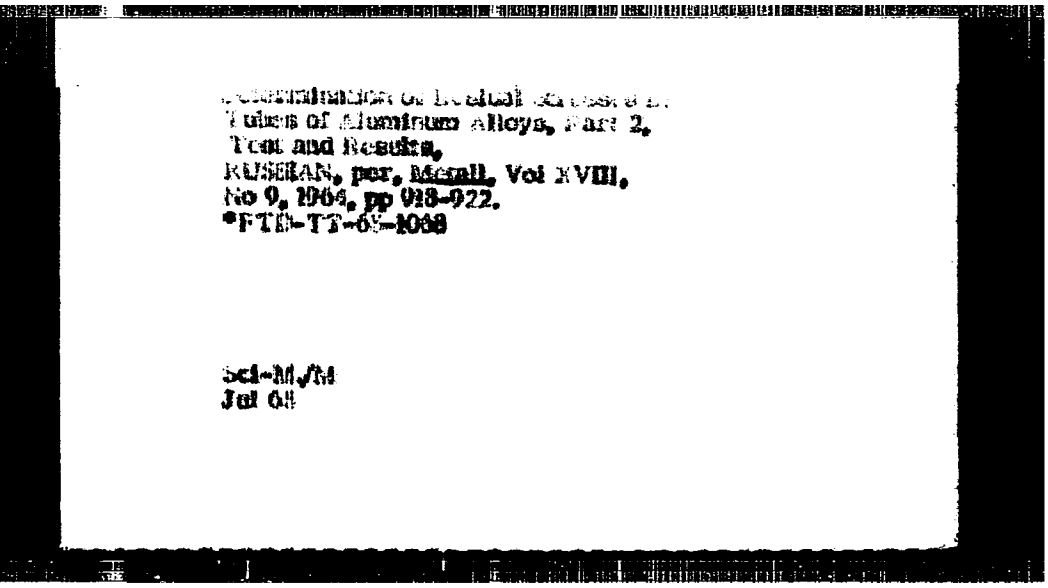
JPRS 27458

Sci - MIN
Jan 65

271955

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4



Determination of Residual Stresses in
Tubes of Aluminum Alloys, Part 2,
Test and Results,
RUSSIAN, per, Metall, Vol XVIII,
No 9, 1964, pp 918-922.
*FTD-TT-65-1068

Sci-M/M
Jul 68

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

Treatment of Steel with Synthetic Slag in the Laddle, by I. I. Kostyukov, 5 pp.
RUSSIAN, per, Metallurg, No 11, Nov 1964, pp 1-2.
JPRS 28984

USSR
Econ
Mar 65

276,223

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

Ion Exchange and Extraction in Hydrometallurgy.
RUSSIAN, per, Metallurgiya i Gornoye Delo, No 6, 1964.
DIA IN 520-71

Aug 71

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

(SF-2311)

METALLURGICAL AND MINING INDUSTRY OF THE SOVIET UKRAINE IN THE FOURTH YEAR OF THE SEVEN-YEAR PLAN, 4 PP.

RUSSIAN, PER, METALLURG I GORNORUDNAYA PROM, NO 1, JAN-FEB 1962, PP 3, 4.

JPRS 15100

USSR
ECON
SCI - M/M
SEP 62

210,765

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

(SF-2311)

DEVELOPMENT OF MANGANESE ORE EXTRACTION IN THE UKRAINIAN SSR, BY I. D. TARAKHTIY, 4 PP.

RUSSIAN, PER, METALLURG I GORNORUDNAYA PROM, NO 1, JAN-FEB 1962, PP 58-60.

JPRS 15100

USSR
ECON
SCI - M/M
SEP 62

210,766

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

R-271/62

Scientific - Research Projects in 1961. (SF-231[illegible])

RUSSIAN, per, Metallurgicheskaya i Gornorudnaya Promyshiennost'; No 1, Jan/Feb 1962, pp 67-63.

*JPRS

Sci - Misc.

USSR
Econ

9 Aug 62

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

(SF-2311)

SPECIALIZATION IN ROLLING MILLS AND MASTERY OF THE NEW ECONOMICAL ROLLED SHAPES AT PLANTS OF THE UKRAINIAN SSR, BY L. V. SHAPIRO, V. YE. SVETS, 8 PP.

RUSSIAN, PER, METALLURG I GORNORUDNAYA PROM, NO 2, MAR-APR 1962, PP 19-23.

JPRS 15100

USSR
ECON
SEP 62

210,767

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

(SF-2311)

PROSPECTS FOR THE DEVELOPMENT OF THE KERCH ORE BASIN, BY N. S. DOVZHIK, P. A. TATSIYENKO, 7 PP.

RUSSIAN, PER, METALLURG I GORNORUDNAYA PROM, NO 2, MAR-APR 1962, PP 48-51.

JPRS 15100

USSR
ECON
SCI - M/M
SEP 62

210,768

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

(SF-2311)

AGGLOMERATE PRODUCTION IN THE UKRAINIAN SSR
IN THE FIRST THREE YEARS OF THESEVEN-YEAR PLAN,
BY N. YE. SIDOROV, 7 PP.

RUSSIAN, PER, METALLURG I GORNORUDNAYA PROM,
NO 3, MAY-JUN 1962, PP 3-6.

JPRS 15100

USSR
ECON

210,769

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

Plant Improvements at the Dnepropetrovsk Metallurgical Plant Imeni Petrovskiy, by I. I. Korobov, 5 pp.

RUSSIAN, per, Metallurgicheskaya i Gornorudnaya Promyshlennost', No 4, 1962, p 6.

JPRS 16316

USSR
Econ
Nov 62

217, 855

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

Pig Iron Production at the Ukraine, by G. Ye. Rutkovskiy, E. Ye. Sidorov, 11 pp.

RUSSIAN, per, Metallurgicheskaya i Gornorudnay Promyshlennost', No 4, 1962, pp 7-9.

JPRS 16316

USSR
Econ
Nov 62

217,886

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

Electric Steel Furnace Production at the Dnoprospetsstal' Plant, by N. M. Chuyko, 7 pp.

RUSSIAN, per, Metallurgicheskaya i Gornorudnaya Promyshlennost', No 4, 1962, pp 18-19.

JPRS 16316

USSR
Econ
Nov 62

217.887

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

New Continuous Rolling Mill Produced by Novokramatorsk Plant, by V. V. Nemirushchiy, 13 pp.

RUSSIAN, per, Metallurgicheskaya i Gornorudnaya Promyshlennost', No 4, 1962, pp 32-35.

JPRS 16316

USSR
Econ
Nov 62

17,398

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

The Utilization of Explosive Energy in Metallurgy, by V. G. Z Kononenko, 26 pp.

RUSSIAN, per, Metallurgicheskaya i Gornorudnaya Promyshlennost', No 4, 1962, pp 64-69.

JPRS 16316

USSR
Econ
Nov 62

217, 3x4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

Explosive Energy Serves the National Economy,
by Ye. A. Maystrenko, 3 pp.

RUSSIAN, per, Metallurgicheskaya i Gornorudnaya Promyshlennost', No 4, 1962, p 89,

JPRS 16316

USSR
Econ
Nov 62

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

DESIGNING THE WORLD'S LARGEST BLAST FURNACE,
BY M. B. ROZENSHTRAKH, M. B. KUTNER, 11 PP.

RUSSIAN, PER, METALLURGICHESKAYA I GORNORUDNAYA PROMYSHLENNOST', NO 5, SEP-OCT 1962, PP 3-7.

JPRS 17143

USSR
ECON
SCI - ENGR
JAN 63

219,458

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

PRESENT STATUS AND PROSPECTS FOR FURTHER DEVELOPMENT OF ELECTROSLAG REMELTING IN THE UKRAINE, BY B. YE. PATON, B. I. MEDOVAR, 14 PP.

RUSSIAN, PER, METALLURGICHESKAYA I GORNORUDNAYA PROMYSHLENNOST'. NO 5, SEP-OCT 1962, PP 12-19.

JPRS 17143

USSR
ECON
JAN 63

219,459

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

Horizontal Continuous Casting of Steel [Electrodes] for Electroslag Remelting, by V. T. Sladkoshteev. RUSSIAN, per. Metallurgich i Gornorudn Promyshlennost', No 5, 1962, pp 20-23.
HB 7520

Sci-Mat
Feb 69

374.533

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

FURTHER DEVELOPMENTAL TRENDS OF ~~KK~~ THE NIKITOVSKOYE MERCURY DEPOSIT, BY N. A. YEGOROV, 11 PP.

RUSSIAN, PER, METALLURGICHESKAYA I GORNORUDNAYA PROMYSHLENNOST', NO 5, SEP-OCT 1962, PP 48-53.

JPRS 17554

USSR
ECON
FEB 63

221,678

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

SMELTING OF 35GS STEEL IN OXYGEN CONVERTERS,
BY P. S. RUBINSKIY, I. I. ENTIN, 6 PP.

RUSSIAN, PER, METALLURGICHESKAYA I GORNORUDNAYA PROMYSHLENNOST', NO 5, SEP-OCT 1962, PP 73-75.

JPRS 17143

USSR
ECON
SCI - ENGR
JAN 63

219,460

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

STEEL PRODUCTION IN THE UKRAINIAN SSR DURING 1959 TO 1961, BY I. I. BORNATSKIY, 9 PP.

RUSSIAN, PER, METALL I GORNORUDNAYA PROMYSHLENNOST' NO 6, 1962, PP 8-11.

JPRS 16795

USSR
ECON.
MAY 63

22[illegible], XOI5

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

WAYS OF INCREASING THE PRODUCTIVITY OF OPEN-HEARTH FURNACES, BY N. N. DOBROKHOTOV, 6 PP.

RUSSIAN, PER, METALL I GORNORUDNAYA PROMYSHLENNOST', NO 6, 1962, PP 12-14.

JPRS 18735

USSR
ECON
MAY 63

220,816

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

UKRAINIAN STEEL AND IRON ORE PRODUCTION IN 1962/63 AND FUTURE PLANS, 8 PP.

RUSSIAN, PER, METALLURGICHESKAYA I GORNORUDNAYA PROM, NO 1, JAN-FEB 1963, PP 3-5.

JPRS 20336

USSR
ECON
JUL 63

237,456

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

Continuous Casting of Carbon Steel with Horizontal Discharge by Bending, by V. T. Sladkoshteev, et al.
RUSSIAN, per, Metallurgicheskaya I Gornorudnaya Promyshlennost, No 2, 1963, pp 11-14.
HB 7024

Sci - March
Aug. 67

338,583

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

SCIENTIFIC RESEARCH WORK PERFORMED BY THE UKRAINIAN INSTITUTE OF METALS IN 1962, BY V. I. DOROKHOV, 8 PP.

RUSSIAN, PER, METALLURGICHESKAYA I GORNORUDNAYA PROM, KIEV, NO 2, 1963, PP 50-53.

JPRS 19776

USSR-ECON
JUN 63

234,783

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840054-4

HOW TO REDUCE THE COST OF IRON, BY V. F. BRAGIN, 9 PP.

RUSSIAN, PER, METALLURGICHESKAYA I GORNORUDNAYA PROM, KIEV, NO 2, 1963, PP 61-64.

JPRS 19776

USSR-ECON
JUN 63

234,784

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